DUO

MANUAL 03.14.14

IM012-01

enovate MEDICAL

The Enovate Medical DUO Cart was designed to set a new standard in quality. Enovate Medical's goal is to provide a cart that is ready for years of use, and backed by a commitment of exemplary service and support.

Thank you for purchasing the Enovate Medical DUO

1 WELCOME
3 WARNINGS
4 HARDWARE
5 TOOLS
7 CART FEATURES
9 GAS-SPRING CART ASSEMBLY
16 ACTUATOR CART ASSEMBLY
20 ACCESSORIES
CABLE MANAGEMENT
WARRANTY

Warnings

Important Warnings	Electrical Shock Warning

The above symbols represent safety warnings that require significant attention when seen on the DUO cart or in the user manual. Failure to do so could result in minor injury, major injury, or even death.

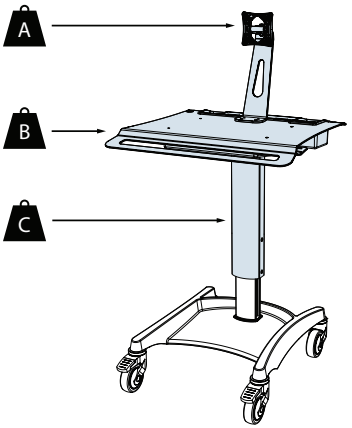
SERVICE AND REPLACEMENT
Do not attempt to service or replace any part of the Enovate Medical DUO Cart unless directed to do so through Enovate Medical approved documentation (i.e., this User Manual or other instructions). Only Enovate Medical or an Enovate-certified entity may service or replace the cart components. If any component on the cart is missing or damaged, the cart must not be used. Contact Enovate Medical immediately to request service.

MAXIMUM WEIGHTS
Total cart Weight:37lbs

Gas Spring Cart

A + B + C =

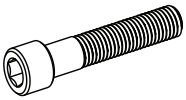
Should not exceed 10 lbs



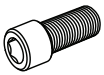
Contact Us
Enovate Medical
Customer Service
US Headquarters
1152 Park Avenue
Murfreesboro, TN 37129
Support@enovatemedical.com
Toll free 877.258.8030

Hardware

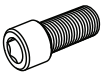
HARDWARE INCLUDED



4x
1/4 -20 x 1.625”
Socket Head Screw

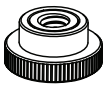


4x
1/4 -20 x .75”
Socket Head Screw



1x
M6 x 1 x 25mm
Socket Head Screw
Provided with actuator cart only

4x
Nylon Hole Plugs

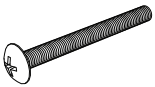


4x
Thumb Nut

4x
1/4 -20”
Lock Nuts
Provided with LCD cart only

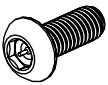
4x
M4 x 16mm
Pan Head Screw
Provided with LCD cart only

1x
Flat Washer
Provided with actuator cart only



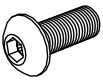
4x
8-32x.375” pan head
Phillips screws
Provided with actuator cart only

OPTIONAL HARDWARE INCLUDED FOR ACCESSORY INTEGRATION



2x
Security Screws

Provided with laptop
security bar only

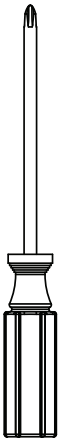


4x
1/4 -20 x .75”
Button Head Screw
Provided with laptop
security bar only

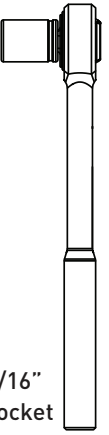
4x
1/4 -20”
Lock Nuts
Provided with
LCD pole only

Tools

TOOLS NEED FOR LCD INTEGRATION

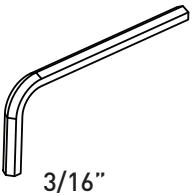


Phillips Head
Screw Driver



7/16”
Socket

TOOLS INCLUDED



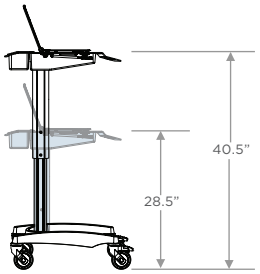
3/16”
Allen Wrench

OPTIONAL TOOLS NEEDED
FOR ACCESSORY INTEGRATION

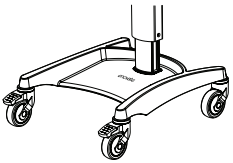
1x
Security Bit

Provided with laptop
security bar only

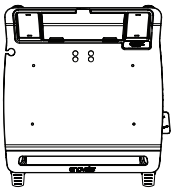
Cart Features



SIT TO STAND
HEIGHT ADJUSTMENT

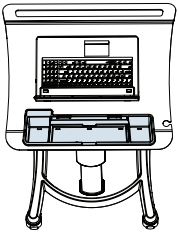


FOOT PRINT
20 D x 18 W

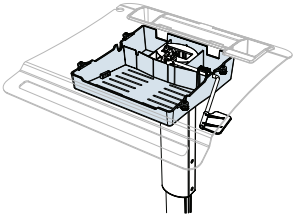


WORK SURFACE
22 W x 22.86 D

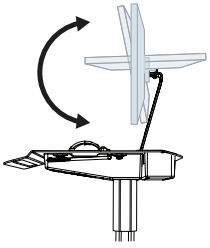
WORK SURFACE
23.5 W x 25.5 D

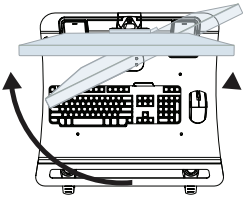


EXTERNAL STORAGE
18 ″ W x 3.5 D x 3.5 H

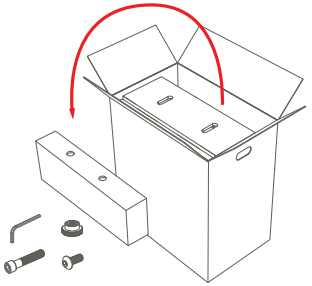


INTERNAL STORAGE
12.5 W x 8.25 D x 3 ″H



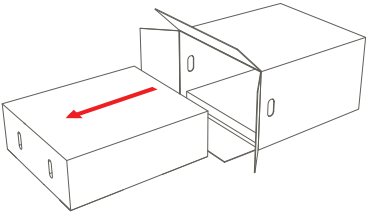


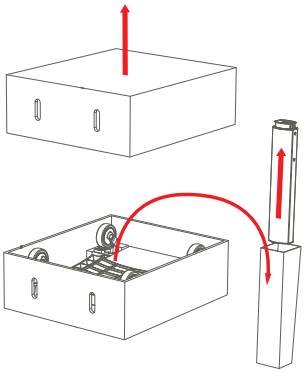
Gas-spring Cart Assembly



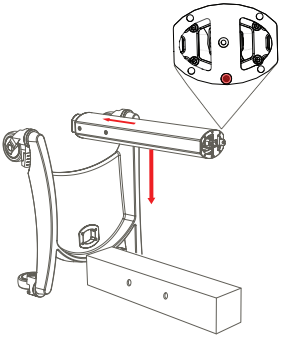
STEP 1
Remove the box with the finger holes which holds the assembly components

STEP 2
Place the main box on its side and slide out the second box

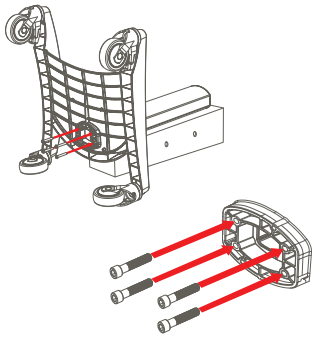




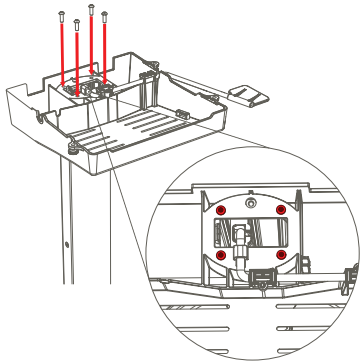
STEP 3
Remove top from the second box and remove the column box.



STEP 4
Place the base upright and use the assembly components box to assist in attaching the column. Take care to position the column in the proper direction.

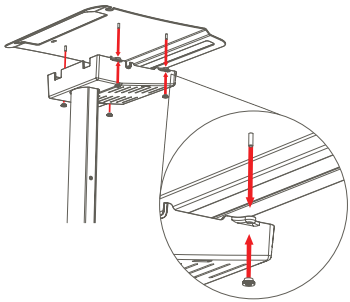


STEP 5
Use the (4) **1/4-20 x 1.625** screws and **3/16" allen wrench** to attach the column to the base

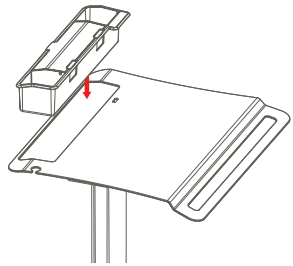


STEP 6
Use the **(4) 1/4-20 x.75** screws to attach the internal storage shelf to the column

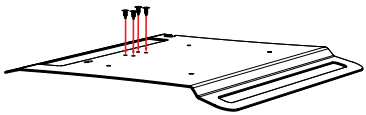
NOTE:
If you are integrating a monitor pole skip to page 16



STEP 7
Use the **thumb nuts** to attach the work surface to the internal storage shelf

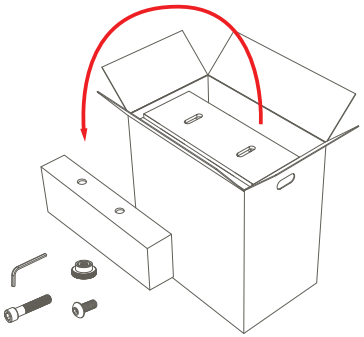


STEP 8
Insert the storage bin



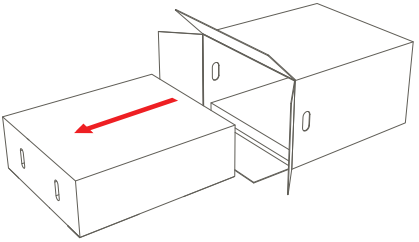
STEP 9
If the optional monitor pole or laptop security bar accessory is not used place the four hole plugs into the mounting holes.

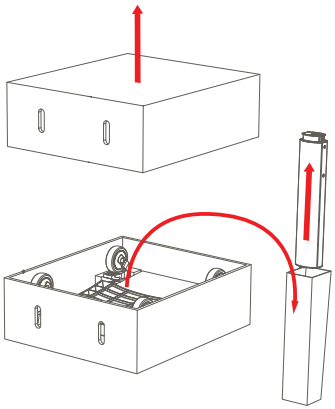
Actuator Cart Assembly



STEP 1
Remove the box with the finger holes which holds the assembly components

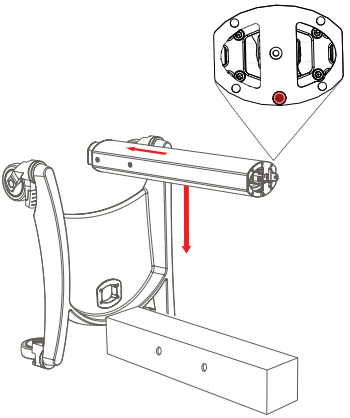
STEP 2
Place the main box on its side and slide out the second box

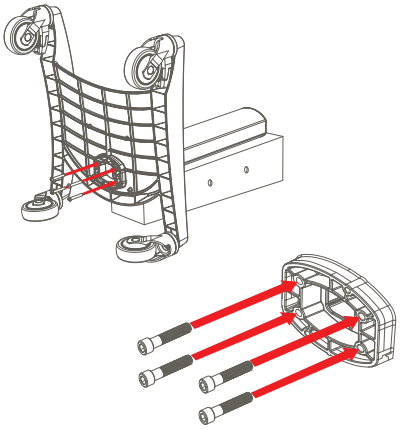




STEP 3
Remove top from the second box and remove the column box.

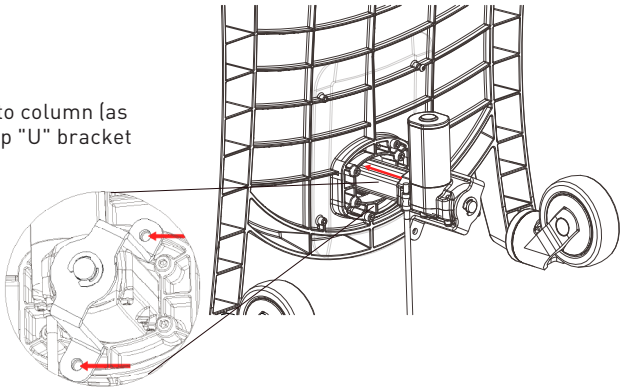
STEP 4
Place the base upright and use the assembly components box to assist in attaching the column. Take care to position the column in the proper direction.

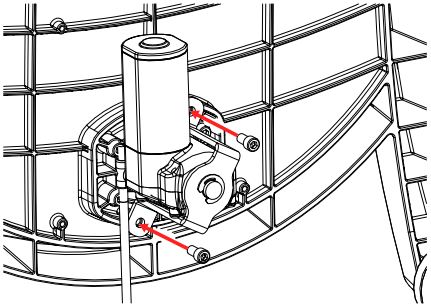




STEP 5
Use the (4) **1/4-20 x 1.625** screws and **3/16" allen wrench** to attach the column to the base

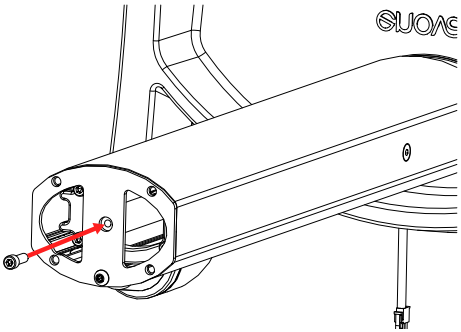
STEP 6
Insert Actuator into column (as shown), and line up "U" bracket mounting holes.

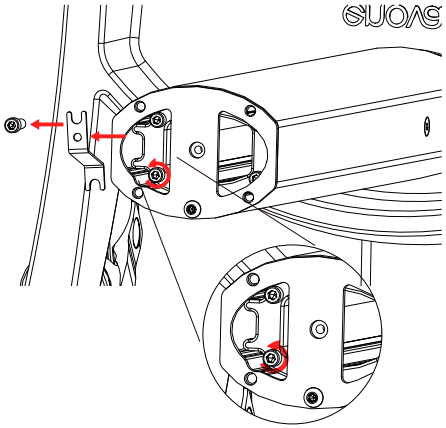




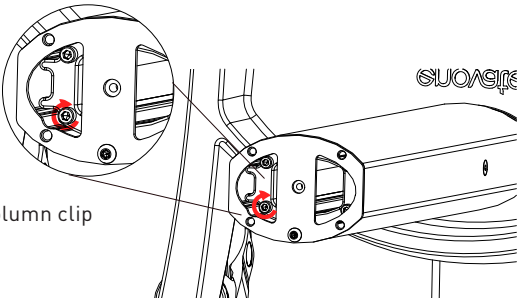
STEP 7
Fasten Actuator "U" bracket with 1/4 - 20 X .500" socket cap screws

STEP 8
At opposite end, line up actuator shaft with hole in top plate and fasten M6 X 25 MM socket head cap screw

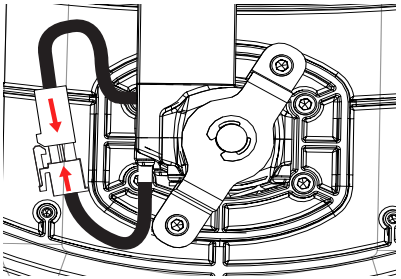




STEP 9
Once actuator is connected, remove outer 1/4-20 socket head cap screw and loosen inner 1/4-20 socket head cap screw enough to remove column clip from assembly.

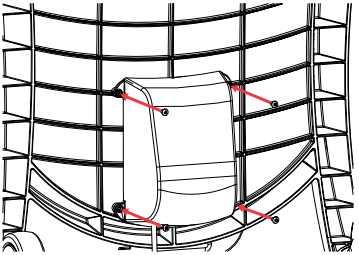


STEP 10
Retighten screw and discard column clip

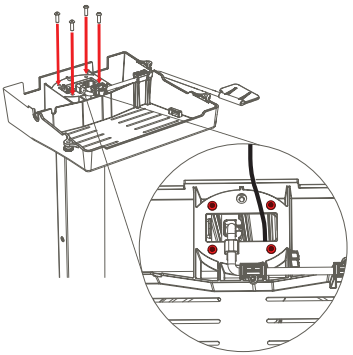


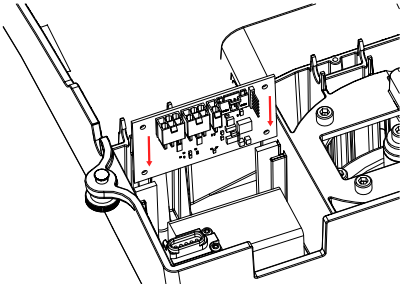
STEP 11
Once Actuator is installed and secure, connect the column and actuator wires

STEP 12
Install Actuator cover with 8 - 32 X .375" phillips pan head screws.



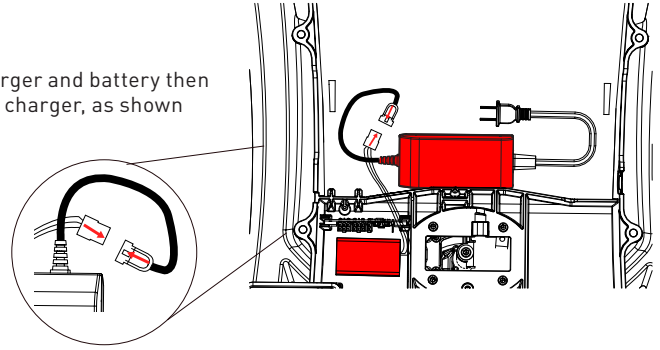
STEP 13
Pull the column wire through the hole in the shelf then use the **(4) 1/4-20 x.75** screws to attach the internal storage shelf to the column

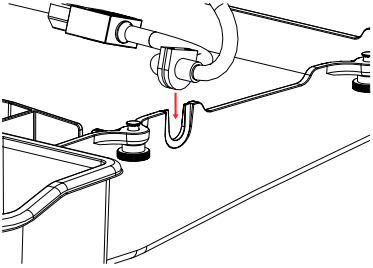




STEP 14
Slide CHAC board into slot, as shown

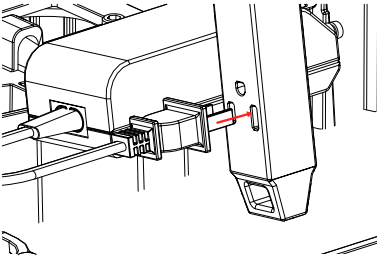
STEP 15
Install battery charger and battery then connect battery to charger, as shown

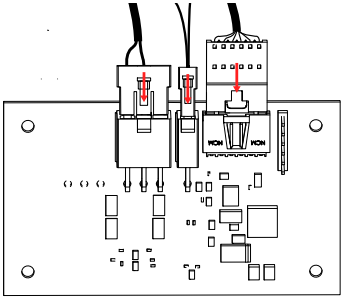




STEP 16
Install coil cord with 3 - gang outlet

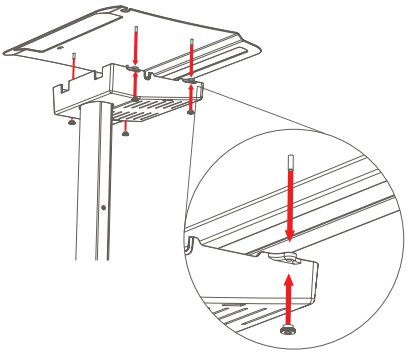
STEP 17
Connect charger plug to 3-gang outlet





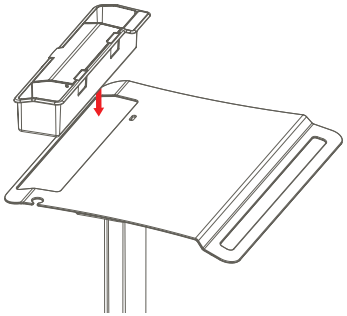
STEP 18
Connect cord from column, battery, and pin housing to "CHAC" board, as shown

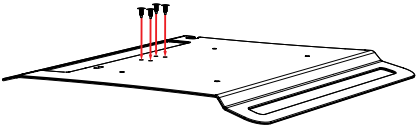
NOTE:
If you are integrating a monitor pole skip to page 16



STEP 19
Use the **thumb nuts** to attach the work surface to the internal storage shelf.

STEP 20
Insert the storage bin.



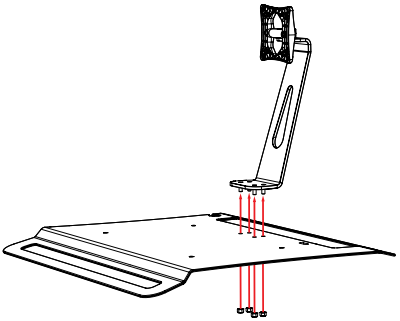


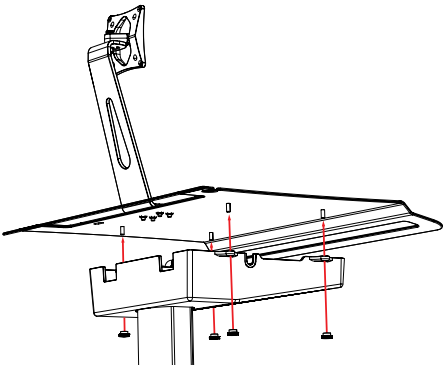
STEP 21
If the optional monitor pole or laptop security bar accessory is not used place the four hole plugs into the mounting holes.

Accessories

Monitor Integration

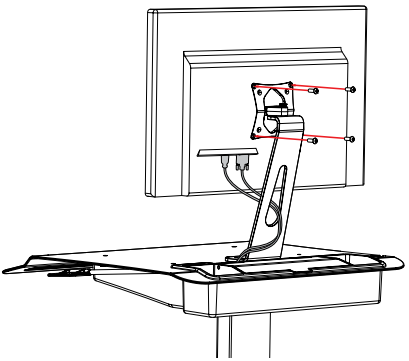
STEP 1
Remove work surface and attach monitor pole using (4) **1/4- 20" lock nuts.**





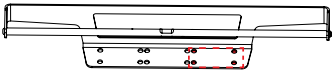
STEP 2
Use the (4) **Thumb Nuts** to reattach the work surface to the internal storage shelf.

STEP 3
Attach the monitor to the VESA plate using the **M4x16 pan head screws.**

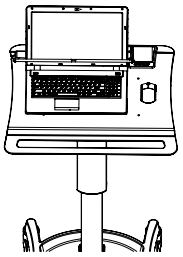


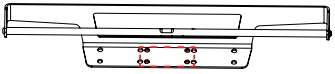
Laptop Integration

Laptop Security Bar Configuration

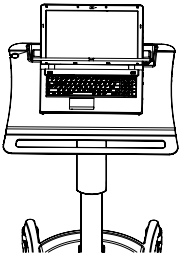


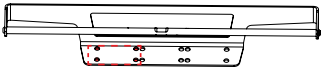
Use this hole pattern for right hand mousing placement



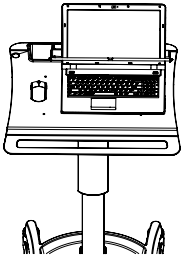


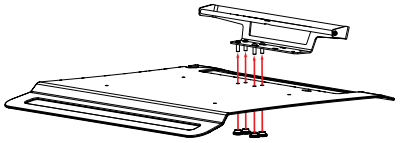
Use this hole pattern for center placement



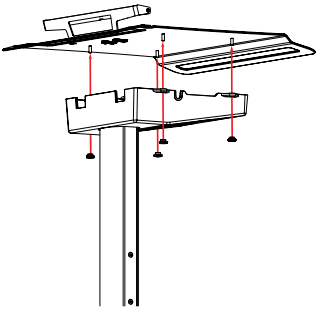


Use this hole pattern for left hand mousing placement



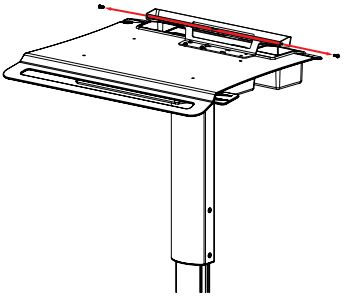


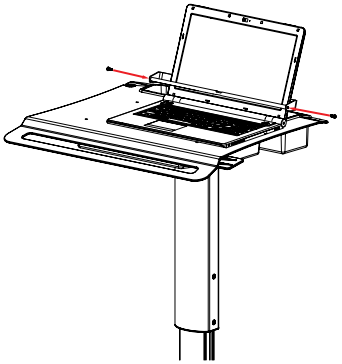
STEP 1
Remove the work surface and attach the laptop security system using the hole pattern of your liking with (4) 1/4-20" lock nuts.



STEP 2
Use the **Thumb Screws** to reattach the work surface to the internal storage shelf.

STEP 3
Remove the security bar using the speciality security screwdriver bit provided.

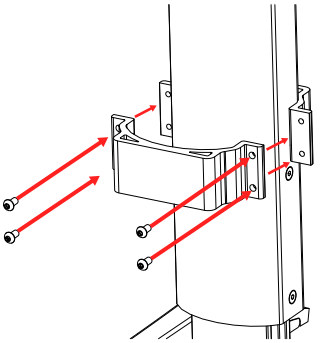


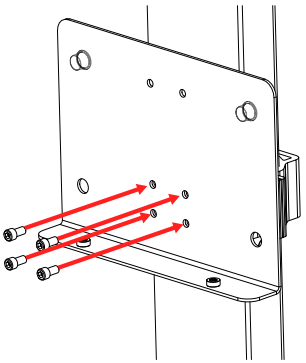


STEP 4
Put laptop into place and replace the security bar using the security screws.

CPU Bracket Installation

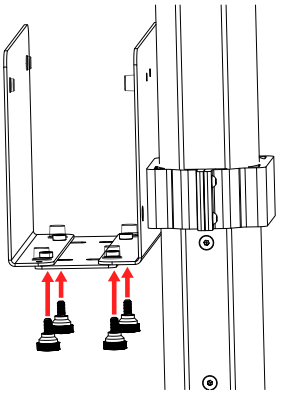
Step 1
Place mounting bracket in place on the column. Once in place attach with (4) 6 x 1 x 12 screws.





Step 2
Attach back of CPU bracket to the mounting bracket with (4) 1/4-20 X .5 screws.

Step 3
Attach bottom and front of CPU bracket with thumb screws.



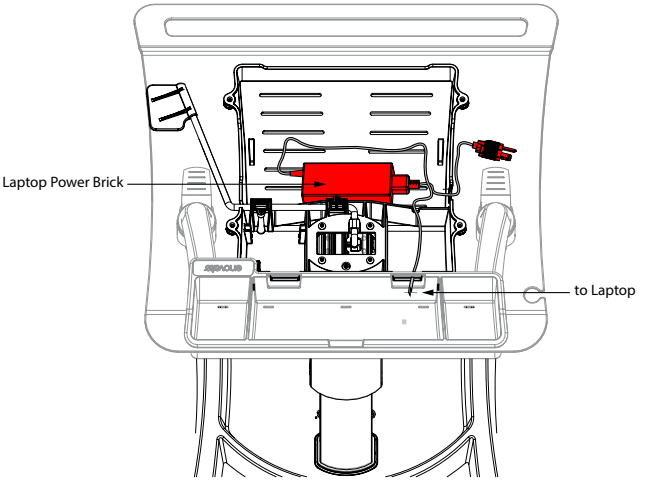
Cable Management

Cable lengths may very - interior dimension 12.5 w x 8.25 D x 3" H

Laptop Only

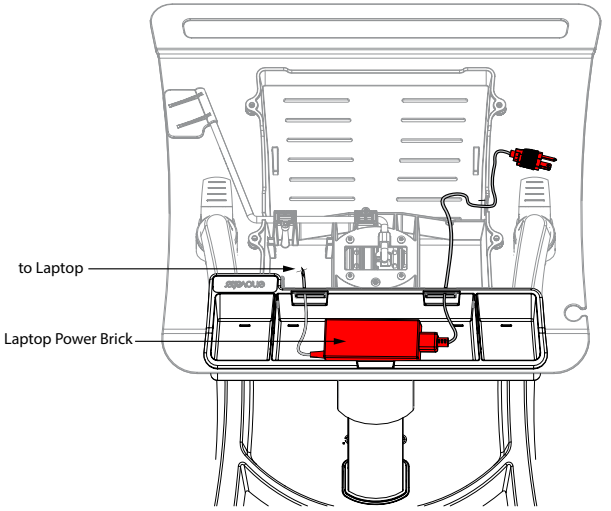
Option 1

Laptop power brick stored in upper shelf.



Option 2

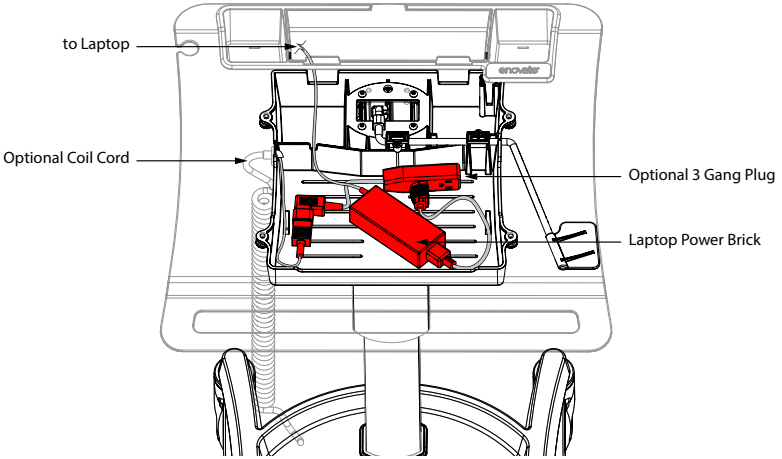
Laptop power brick stored in outer bin.



Laptop with optional coil cord and 3 gang plug

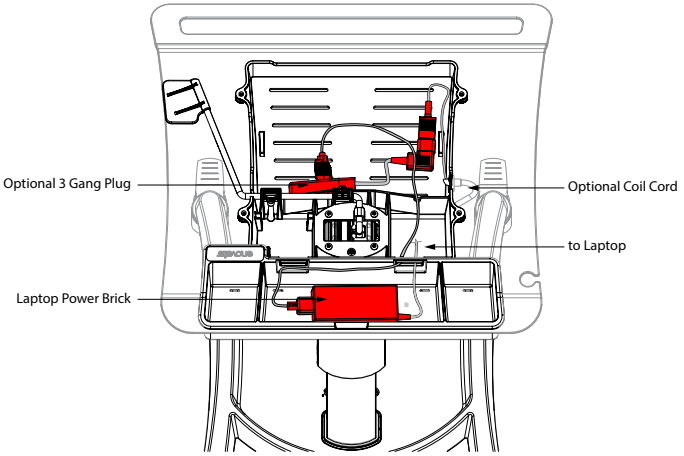
Option 1

Laptop power brick stored in upper shelf plugged into optional 3 gang plug and optional coil cord.



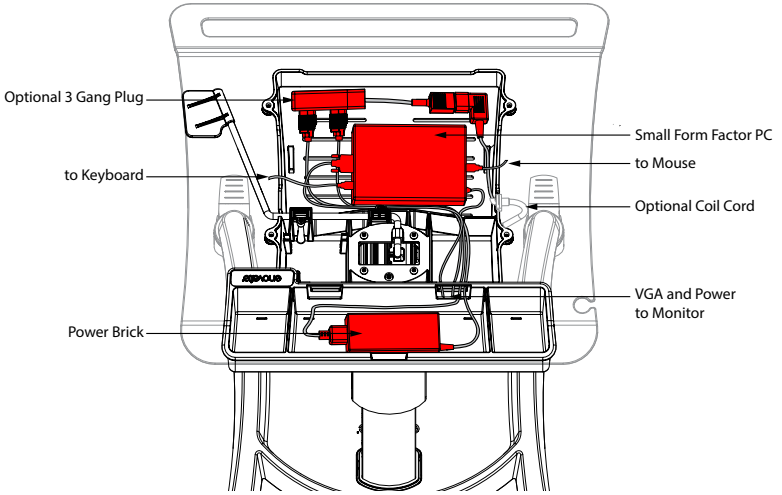
Option 2

Laptop power brick stored in outer bin plugged into optional 3 gang plug and optional coil cord.



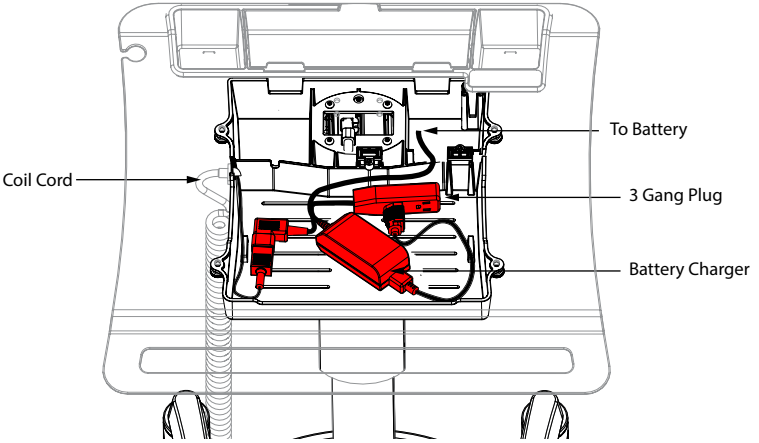
LCD with Small Form Factor PC

with optional 3 gang plug and optional coil cord.



Laptop with actuator

Battery charger stored in upper shelf plugged into 3 gang plug and coil cord.



Warranty

WHAT'S COVERED AND HOW LONG?

Removing or damaging the serial number and barcode label will void all cart warranties

Standard warranty covers four (4) – years structural components, Warranty coverage begins on product's date of invoice. Standard warranty does not cover problems resulting from product abuse, negligence/accident, misuse, improper operation, post-delivery physical damage, and/or product modifications without Enovate Medical's prior written approval. External peripherals (including: computing equipment/devices, monitors, keyboards, mouse, USB hub, etc.) are not included in this warranty. Enovate Medical shall not be liable for any consequential or incidental damages.

HOW WE HELP YOU

Support services provided along with the standard warranty must be requested within the expressed warranty time frame for the product element. Technical support may request customer collaboration and assistance during diagnosis to provide for next business day service as needed. Typically, this requires, but is not limited to:

- Identifying a primary contact representative (with phone number and e-mail address) to work with Enovate Medical and answer relevant questions. Providing the serial ID number and access to the product.
- Performing basic troubleshooting activities as directed by Enovate Medical's Technical Support.

Resolution methods can include, but are not limited to, any of the following:

- Verbal/written instructions to correct the problem.
- Shipping of replacement parts OR a product swap.
- On-site dispatch of an Enovate Medical authorized service technician.

If needed, Enovate Medical will involve its design engineers or supplier partners for resolution assistance and customer's satisfaction. Determination for resolving warranty issues will be at Enovate Medical's sole discretion.

TECHNICAL SUPPORT ASSISTANCE

Service requests can be made at any time via Enovate Medcial's support website or by phone:

- www.enovatemedical.com/support
- 1-877-258-8030 toll-free
- Support Hours are Monday – Friday, 8 am to 5 pm EST (except holidays).

ENOVATE MEDICAL'S SERVICE PLEDGE

Our Customer Care team is located, supported, & operated by Enovate Medcial's employees in our US headquarters. A reply to all service requests, within two hours of their submittal during business hours. On-site Parts / Service by the next business day as needed. Enovate Medical
Authorized Service Technicians are located at more than 400 locations across the United States.

CLEANING INSTRUCTIONS

- Use non abrasive cleaners or mild cleaning solutions. Do not use abrasive cleaners, solvents, polishes, waxes or steam cleaning tools.
- As a precaution to test the suitability of a cleaning product, apply to an inconspicuous area, minimizing the time of exposure and the amount of cleaning agent (diluting as recommended by the supplier) in order to prevent any damage to the surface.
- Contamination by intensively colored substances, for example coffee, iodine, or dyes, have to be removed immediately.
- Power System should be inspected bi-annually to ensure vent holes and pan guard are free of dust and debris

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